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AUG 24 2004



PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

|                        |              |
|------------------------|--------------|
| Application Number     | 10/614,665   |
| Filing Date            | July 7, 2003 |
| First Named Inventor   | LOWREY       |
| Group Art Unit         | 3661         |
| Examiner Name          | B. Broadhead |
| Attorney Docket Number | 0307091.0156 |

Total Number of Pages in This Submission

### ENCLOSURES (check all that apply)

- |   |   |  |
|---|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input checked="" type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment / Response<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Combined Declaration and Power of Attorney<br><input type="checkbox"/> Express Abandonment Request<br><input checked="" type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/ Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application)<br><input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Declaration of Mailing by Express Mail<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>Return Receipt Postcard<br>IDS References<br>Form PTO/SB/08 |
|---|---|--|

Remarks

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

|                         |   |
|-------------------------|---|
| Firm or Individual name | Sung T. Kim (Registration No. 45,398)<br>Kirkpatrick & Lockhart LLP |
|-------------------------|---|

Signature

Date

8/23/04

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date:

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# FEE TRANSMITTAL for FY 2004

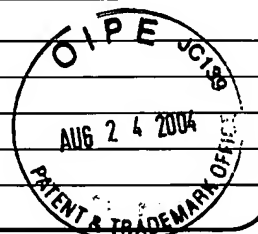
Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180

Complete if Known

Application Number 10/614,665  
Filing Date July 7, 2003  
First Named Inventor LOWREY  
Examiner Name B. Broadhead  
Art Unit 3661  
Attorney Docket No. 0307091.0156



METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money ☐ Other ☐ None  
Order

☒ Deposit Account:

Deposit Account Number 50-1721

Deposit Account Name Kirkpatrick & Lockhart LLP

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

## 1. BASIC FILING FEE

| Large Entity |          | Small Entity |          | Fee Description        | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |                        |          |
| 1001         | 770      | 2001         | 385      | Utility filing fee     |          |
| 1002         | 340      | 2002         | 170      | Design filing fee      |          |
| 1003         | 530      | 2003         | 265      | Plant filing fee       |          |
| 1004         | 770      | 2004         | 385      | Reissue filing fee     |          |
| 1005         | 160      | 2005         | 80       | Provisional filing fee |          |

SUBTOTAL (1) (\$) 0

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

|                    | Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|--------------|----------------|----------|
|                    | 20 **        | 0            | 18             | 0        |
| Independent Claims | 3 **         | 0            | 86             | 0        |
| Multiple Dependent |              |              |                | 0        |

| Large Entity |          | Small Entity |          | Fee Description  |
|--------------|----------|--------------|----------|--|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |  |
| 1202         | 18       | 2202         | 9        | Claims in excess of 20                                     |
| 1201         | 86       | 2201         | 43       | Independent claims in excess of 3                          |
| 1203         | 290      | 2203         | 145      | Multiple dependent claim, if not paid                      |
| 1204         | 86       | 2204         | 43       | ** Reissue independent claims over original patent         |
| 1205         | 18       | 2205         | 9        | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) 0

\*\*or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

| Large Entity |          | Small Entity |          | Fee Description  | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |  |          |
| 1051         | 130      | 2051         | 65       | Surcharge - late filing fee or oath  |          |
| 1052         | 50       | 2052         | 25       | Surcharge - late provisional filing fee or cover sheet.                    |          |
| 1053         | 130      | 1053         | 130      | Non-English specification  |          |
| 1812         | 2,520    | 1812         | 2,520    | For filing a request for reexamination                                     |          |
| 1804         | 920*     | 1804         | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805         | 1,840*   | 1805         | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251         | 110      | 2251         | 55       | Extension for reply within first month                                     |          |
| 1252         | 420      | 2252         | 210      | Extension for reply within second month                                    |          |
| 1253         | 950      | 2253         | 475      | Extension for reply within third month                                     |          |
| 1254         | 1,480    | 2254         | 740      | Extension for reply within fourth month                                    |          |
| 1255         | 2,010    | 2255         | 1,005    | Extension for reply within fifth month                                     |          |
| 1401         | 330      | 2401         | 165      | Notice of Appeal   |          |
| 1402         | 330      | 2402         | 165      | Filing a brief in support of an appeal                                     |          |
| 1403         | 290      | 2403         | 145      | Request for oral hearing   |          |
| 1451         | 1,510    | 1451         | 1,510    | Petition to institute a public use proceeding                              |          |
| 1452         | 110      | 2452         | 55       | Petition to revive - unavoidable   |          |
| 1453         | 1,330    | 2453         | 665      | Petition to revive - unintentional   |          |
| 1501         | 1,330    | 2501         | 665      | Utility issue fee (or reissue)   |          |
| 1502         | 480      | 2502         | 240      | Design issue fee   |          |
| 1503         | 640      | 2503         | 320      | Plant issue fee  |          |
| 1460         | 130      | 1460         | 130      | Petitions to the Commissioner  |          |
| 1807         | 50       | 1807         | 50       | Processing fee under 37 CFR 1.17 (q)                                       |          |
| 1806         | 180      | 1806         | 180      | Submission of Information Disclosure Stmt                                  | 180      |
| 8021         | 40       | 8021         | 40       | Recording each patent assignment per property (times number of properties) |          |
| 1809         | 770      | 2809         | 385      | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 1810         | 770      | 2810         | 385      | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 1801         | 770      | 2801         | 385      | Request for Continued Examination (RCE)                                    |          |
| 1802         | 900      | 1802         | 900      | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 180

SUBMITTED BY

Complete (if applicable)

|                   |             |                                   |         |           |                |
|-------------------|-------------|-----------------------------------|---------|-----------|----------------|
| Name (Print/Type) | Sung T. Kim | Registration No. (Attorney/Agent) | 45,398  | Telephone | 202 / 778-9419 |
| Signature         |             | Date                              | 8/23/04 |           |                |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: LOWREY et al.

Group Art Unit: 3661

Application No.: 10/614,665

Examiner: B. Broadhead

Filed: July 7, 2003

Atty. Dkt. No. 0307091.0156

Title: **INTERNET-BASED SYSTEM FOR MONITORING VEHICLES**

\* \* \* \* \*

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Sir:

Attached is Form PTO/SB/08 listing the enclosed documents. Citation of a document does not necessarily constitute an admission that the document is prior art to the present application.

This Information Disclosure Statement is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice to that effect is earnestly solicited, along with additional time under Rule 97(f), to enable Applicant to comply fully.

A check in the amount of \$180.00 is enclosed for payment of the fee set forth in Rule 17(p). No other fees are believed due at this time, but please apply any additional charges due, or credits owed, to Deposit Account No. 50-1721 under the above Atty. Dkt. No

08/25/2004 SSESHE1 00000051 10614665

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180.00 DP

Consideration of the foregoing and the return of a copy of the enclosed Form PTO/SB/08 with the Examiner's initials in the left column per MPEP §609 are earnestly solicited.

Respectfully submitted,

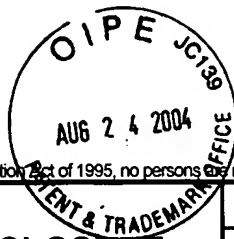


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Sung T. Kim  
Reg. No. 45,398  
(202) 778-9419

Date: 8/23/04

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 4

**Complete if Known**

|                        |                     |
|------------------------|---------------------|
| Application Number     | 10/614,665          |
| Filing Date            | July 7, 2003        |
| First Named Inventor   | Lowrey              |
| Group Art Unit         | 3661                |
| Examiner Name          | Broadhead, Brian J. |
| Attorney Docket Number | 0307091.156         |

**U.S. PATENT DOCUMENTS**

| Examiner<br>Initials * | Cite<br>No. <sup>1</sup> | Document Number                            | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of<br>Cited Document | Pages, Columns, Lines, Where Relevant<br>Passages or Relevant<br>Figures Appear |
|------------------------|--------------------------|--|--------------------------------|--|---|
|                        |                          | Number - Kind Code <sup>2</sup> (if known) |                                |  |   |
|                        |                          | US- 4,690,475                              | 9/1987                         | McElroy  |   |
|                        |                          | US- 4,694,408                              | 9/1987                         | Zaleski  |   |
|                        |                          | US- 5,026,293                              | 6/1991                         | Wilson   |   |
|                        |                          | US- 5,532,927                              | 7/1996                         | Pink et al.  |   |
|                        |                          | US- 5,671,141                              | 9/1997                         | Smith et al.                                       |   |
|                        |                          | US- 5,781,871                              | 7/1998                         | Mezger et al.                                      |   |
|                        |                          | US- 5,798,647                              | 8/1998                         | Martin et al.                                      |   |
|                        |                          | US- 6,408,232                              | 6/2002                         | Cannon et al.                                      |   |
|                        |                          | US- 6,442,460                              | 8/2002                         | Larson et al.                                      |   |
|                        |                          | US- 6,429,773                              | 8/2002                         | Schuyler   |   |
|                        |                          | US- 6,487,494                              | 11/2002                        | Odinak et al.                                      |   |
|                        |                          | US- 6,487,717                              | 11/2002                        | Brunemann et al.                                   |   |
|                        |                          | US- 6,526,460                              | 2/2003                         | Dauner et al.                                      |   |
|                        |                          | US- 6,580,916                              | 6/2003                         | Weisshaar et al.                                   |   |

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

| Examiner<br>Initials * | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of<br>the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue<br>number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|------------------------|--------------------------|---|----------------|
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Examiner  
SignatureDate  
Considered

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Complete if Known**

|                        |                     |
|------------------------|---------------------|
| Application Number     | 10/614,665          |
| Filing Date            | July 7, 2003        |
| First Named Inventor   | Lowrey              |
| Group Art Unit         | 3661                |
| Examiner Name          | Broadhead, Brian J. |
| Attorney Docket Number | 0307091.156         |

Sheet 2 of 4

**U.S. PATENT DOCUMENTS**

| Examiner<br>Initials * | Cite<br>No. <sup>1</sup> | Document Number                            | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of<br>Cited Document | Pages, Columns, Lines, Where Relevant<br>Passages or Relevant<br>Figures Appear |
|------------------------|--------------------------|--|--------------------------------|--|---|
|                        |                          | Number - Kind Code <sup>2</sup> (if known) |                                |  |   |
|                        |                          | US- 6,609,051                              | 8/2003                         | Fiechter et al.                                    |   |
|                        |                          | US- 6,604,032                              | 8/2003                         | Moller   |   |
|                        |                          | US- 6,675,081                              | 1/2004                         | Shuman et al.                                      |   |
|                        |                          | US- 6,687,587                              | 2/2004                         | Kacel  |   |
|                        |                          | US- 6,718,425                              | 4/2004                         | Pajakowski et al.                                  |   |
|                        |                          | US- 6,732,031                              | 5/2004                         | Lightner et al.                                    |   |
|                        |                          | US- 6,732,032                              | 5/2004                         | Banet et al.                                       |   |
|                        |                          | 2001/0016789                               | 8/2001                         | Staiger  |   |
|                        |                          | 2002/0029101                               | 3/2002                         | Larson et al.                                      |   |
|                        |                          | 2002/0078458                               | 6/2002                         | Furon et al.                                       |   |
|                        |                          | 2002/0133273                               | 9/2002                         | Lowrey et al.                                      |   |
|                        |                          | 2002/0140545                               | 10/2002                        | Nietupski et al.                                   |   |

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

| Examiner<br>Initials * | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of<br>the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue<br>number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|------------------------|--------------------------|---|----------------|
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Examiner  
SignatureDate  
Considered

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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|       |   |    |   |
|-------|---|----|---|
| Sheet | 3 | of | 4 |
|-------|---|----|---|

**Complete if Known**

|                        |                     |
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| Examiner Name          | Broadhead, Brian J. |
| Attorney Docket Number | 0307091.156         |

## U.S. PATENT DOCUMENTS

[illegible]

## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

[illegible]

**Examiner  
Signature**

Date  
Considered

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